SAP® MaxDB™ Expert Session

SAP® MaxDB™ Content Server – Architecture

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News - General Remarks

- Some functionality might have been changed or expanded over the years.
- Recommendations might have changed.

➔ For each expert session an update with the most important changes is published.

- Check the additional remarks after having heard or read the expert session.
- Feedback to the responsible author is welcome if you recognize outdated information within the session.
Agenda

1. SAP Content Server 6.50 Transactions
2. SAP Content Server 6.50 SAP MaxDB ODBC trace
3. SAP Content Server 6.50 SAP MaxDB Table Structure
SAP Content Server 6.50 Transactions

The error message "DELE 1b / delete not existing doc1" delivered through the test report RSCMSTH0 in the SAP Content Server <= 6.50 SP02 patch 1 can be ignored. Production operation is not affected by this error to any time.

The detailed information is contained in the SAP note 2123649 - RSCMSTH0 double deletion possible with CS 6.50 / SAP MaxDB 7.9.08.27
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As of the Version 6.50, the SAP Content Server always uses the ODBC driver version >= 7.9. In this ODBC version the special command line tool “odbc_cons” is used on all OS.

The exact procedure of the ODBC trace producing is described in SAP note 1428709 - Creating ODBC trace as of ODBC driver 7.7 and higher

You will find current information about SAP MaxDB ODBC driver in the CS environment in SAP note 822239 - FAQ: SAP MaxDB interfaces (questions from 21st till 25th).
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3. SAP Content Server 6.50 SAP MaxDB Table Structure
SAP Content Server 6.50: Table Structure (I)

The tables COMPONENTS000x were extended: two new additional columns to store documents with size > 2 GB.

NAME VARCHAR (254) ASCII not null
LVALUE FIXED (10)
SHORT_VALUE VARCHAR (3600) BYTE
LONG_VALUE LONGFILE BYTE
COMPDatem DATE
COMPTIMEm TIME
CONTENTTYPE VARCHAR (128) ASCII
COMPRESSED CHAR (1) ASCII
DB_INDEX INT not null default 0
SUCCESSOR INT default 0

The primary key of every COMPONENTS000x tables contains now also two columns: the old key column NAME and the new added key column DB_INDEX.

As of Content Server 6.50 documents with size above 2 GB can now be stored in Content Server. This new feature is currently only available for Unix platforms but it is planned to implement this feature also for Microsoft Windows. To store large documents > 2 Gbyte the table structure of COMPONENTS000x have to be changed.
SAP Content Server 6.50: Table Structure (II)

Depending on Content Server version the structure changes of COMPONENTS000x tables are done in different ways:

- in SAP Content Server 6.50 < SP03 Content Server itself starts the implicit restructuring of a single COMPONENTS000x table during the initial access to the corresponding repository. If the restructuring takes a long time and influences negatively the productive CS use, the SAP note 2141940 - Availability of Repositories after Upgrade to SAP Content Server 650 can be implemented.

- As of SAP Content Server 6.50 >= SP03 implicit restructuring doesn't exist and the implementation of SAP note 2141940 - Availability of Repositories after Upgrade to SAP Content Server 650 is mandatory.
Thank you

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